

ABSTRACT

Disclosed is a PNA probe that includes a nucleobase sequence suitable for the detection, identification and/or quantitation of *Pseudomonas* (*sensu stricto*). In one embodiment, the PNA probe is complementary to a target sequence of 23S rRNA or rDNA from all species of the genus *Pseudomonas*. The invention has a wide range of important uses including detecting *Pseudomonas* in a sample of interest.